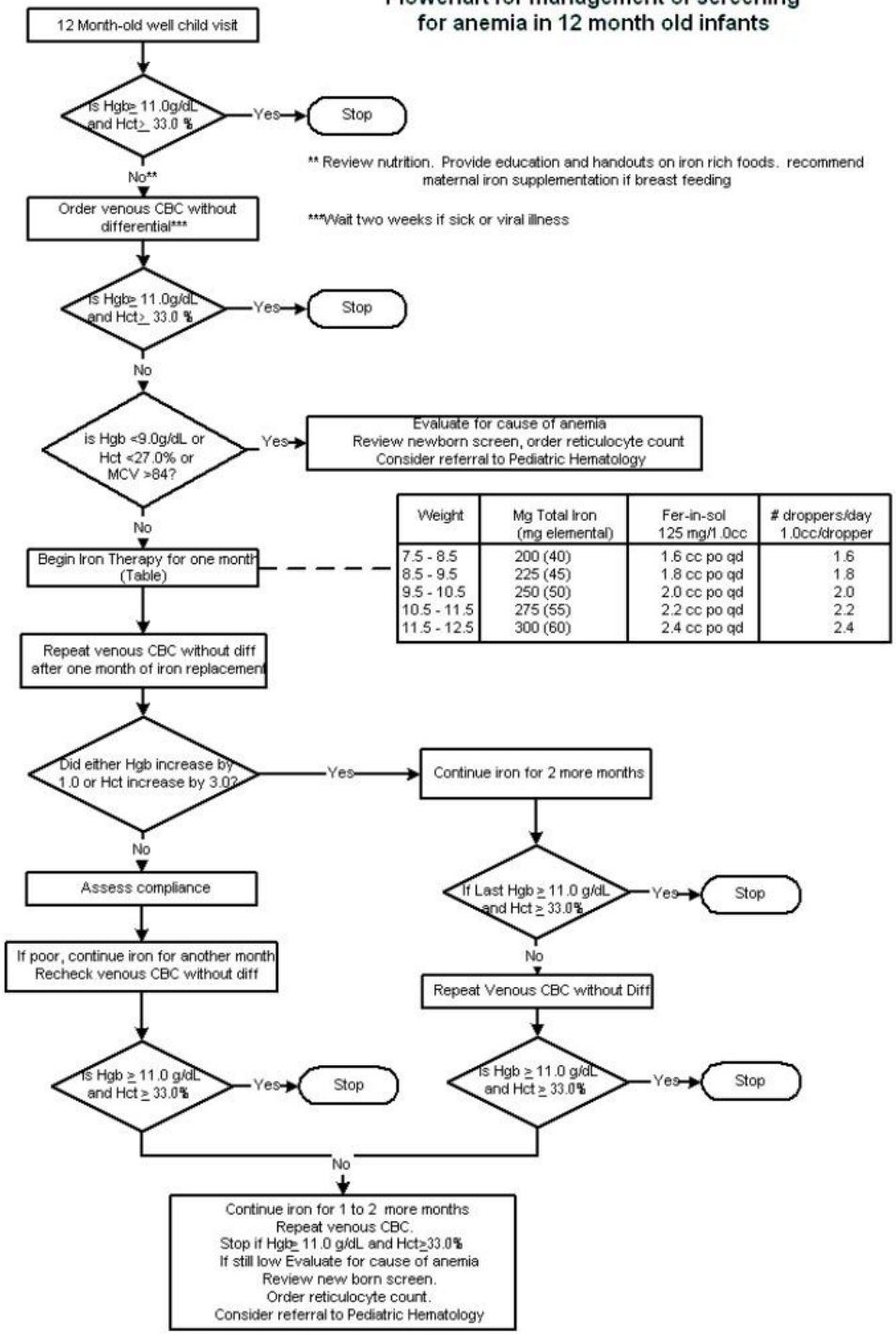
Flowchart for management of screening for anemia in 12 month old infants


12 Month-old well child visit
Is Hgb≥ 11.0g/dL and Hct≥ 33.0 %
Yes
Stop
No**
** Review nutrition. Provide education and handouts on iron rich foods. recommend maternal iron supplementation if breast feeding
Order venous CBC without differential***
***Wait two weeks if sick or viral illness
Is Hgb≥ 11.0g/dL and Hct≥ 33.0 %
Yes
Stop
No
is Hgb <9.0g/dL or Hct <27.0% or MCV >84?
Yes
Evaluate for cause of anemia
Review newborn screen, order reticulocyte count
Consider referral to Pediatric Hematology
No
Begin Iron Therapy for one month (Table)
Repeat venous CBC without diff after one month of iron replacement
Did either Hgb increase by 1.0 or Hct increase by 3.0?
Yes
Continue iron for 2 more months
No
Assess compliance
If poor, continue iron for another month
Recheck venous CBC without diff
Is Hgb ≥ 11.0 g/dL and Hct ≥ 33.0%
Yes
Stop
If Last Hgb ≥ 11.0 g/dL and Hct ≥ 33.0%
Yes
Stop
No
Repeat Venous CBC without Diff
Is Hgb ≥ 11.0 g/dL and Hct ≥ 33.0%
Yes
Stop
No
Continue iron for 1 to 2 more months
Repeat venous CBC.
Stop if Hgb≥ 11.0 g/dL and Hct≥33.0%
If still low Evaluate for cause of anemia
Review new born screen.
Order reticulocyte count.
Consider referral to Pediatric Hematology

Weight	Mg Total Iron (mg elemental)	Fer-in-sol 125 mg/1.0cc	# droppers/day 1.0cc/dropper
7.5 - 8.5	200 (40)	1.6 cc po qd	1.6
8.5 - 9.5	225 (45)	1.8 cc po qd	1.8
9.5 - 10.5	250 (50)	2.0 cc po qd	2.0
10.5 - 11.5	275 (55)	2.2 cc po qd	2.2
11.5 - 12.5	300 (60)	2.4 cc po qd	2.4